IN THE UNITED STATES PATENT AND TRADEMARK OFFICE AMENDMENT TRANSMITTAL LETTER

I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office on September 9, 2009 at op Tofore 11:59 p.m. Pacific Time under the Rules of 37 CFR 8.18.

Applicant : Martin O'Sullivan, et al.

Confirmation No. 4670

Application No. : 10/622,221 Filed : July 18, 2003

Title : ENHANCED ABLATION AND MAPPING CATHETER AND METHOD

FOR TREATING ATRIAL FIBRILLATION

Grp./Div. : 3769

Examiner : Aaron F. Roane

Docket No. : 50571/W112

Commissioner for Patents P.O. Box 1450

Post Office Box 7068 Pasadena, CA 91109-7068 September 9, 2009

Alexandria, VA 22313-1450

Commissioner:

Enclosed is an amendment to the above-identified application.

CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Paid For	Number Extra Claims	Small Entity Rate	Large Entity Rate	FEE
Total Claims Fee	26	*33	0	0 x \$26.00	0 x \$52.00	0
Independent Claims	2	** 3	0	0 x \$110.00	0 x \$220.00	0
Multiple Dependent Claims ***				\$195.00	\$390.00	0
TOTAL FILING FEE						0
NO ADDITIONAL FEE REQUIRED IF NO FEE REQUIRED, INSERT "0"						0
LIST INDEPENDENT CLAIMS: 1 and 17						

Amendment Transmittal Letter Application No. 10/622,221

** IF	HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3 HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3 LY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST
	Attached is our check for \$ to pay the fees calculated above. A Petition for Extension of Time and the required fee are enclosed. Other enclosures:
may be i	nmissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 whic equired by or to give effect to this paper to Deposit Account No. 03-1728. Please show et number with any charge or credit to our Deposit Account.
	Respectfully submitted,
	CHRISTIE, PARKER & HALE, LLP By
	Lauren E. Schneider
	Reg. No. 63,712

626/795-9900

LES/jr

JR PAS866378.1-*-09/9/09 5:00 PM